## AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application.

**Listing of Claims:**

Claim 1 (Currently Amended): A method for dynamically initializing a view for a streaming database system, comprising:

accessing at least one stream of events in real time while ~~the~~ said at least one stream of events is received as output from a streaming database system;

materializing, external to ~~the~~ said streaming database system and as ~~the~~ said at least one stream of events is received from ~~the~~ said streaming database, a view from said stream, wherein said view is dynamically defined from said stream of events received from said streaming database system;

producing, external to ~~the~~ said streaming database system, a ~~plurality~~ sequence of view snapshots from said materialized view, wherein each view snapshot in said sequence corresponds to ~~corresponding to a complete representation of~~ an individual event within said ~~materialized view~~ stream; ~~and~~

storing said sequence of view snapshots; and

using said sequence of view snapshots to generate, external to ~~the~~ said streaming database system, an initialized view that incorporates new events of said stream,

wherein said generating of said initialized view comprises calculating a view state of said initialized view by retrieving and replaying said sequence of view snapshots.

Claim 2 (Original): The method as recited in Claim 1 wherein said initialized view comprises a plurality of row data structures.

Claim 3 (Original): The method as recited in Claim 1, wherein said view is a stateful view resulting from a stateful stream, said stateful view having a bounded number of rows.

Claim 4 (Currently Amended): The method of Claim 3, wherein each ~~of said~~ view snapshot[[s]] of said stateful view comprise a state of said stateful view including events existent at said materializing of said stateful view and events accessed after said materializing of said stateful view at a particular time.

Claim 5 (Original): The method of Claim 2, wherein said view is a stateless view resulting from a stateless stream, said stateless view having an unbounded number of rows.

Claim 6 (Currently Amended): The method of Claim 5, wherein each ~~of said~~ view snapshot[[s]] of said stateless view comprise a state of said stateless view including events existent at said materializing of said stateless view, including a last event processed during said materializing of said stateless view.

Claim 7 (Currently Amended): The method of Claim 1, further comprising:
    processing ~~a plurality~~ <u>said sequence</u> of view snapshots by maintaining a sequence of a plurality of preceding current view snapshots.

Claim 8 (Currently Amended): The method of Claim 7, further comprising:
    applying a batch set of events to said processing of said <u>sequence of</u> view snapshots, wherein each event of said batch set has a corresponding ~~one of said~~ view snapshot[[s]] <u>in said sequence</u>.

Claim 9 (Original): The method of Claim 1, wherein said generating of said initialized view is configured to accomplish a recovery of a view state.

Claim 10 (Original): The method of Claim 1, wherein said generating of said initialized view is configured to accomplish a re-enabling of a view after a disabling of a view.

Claim 11 (Original): The method of Claim 1, wherein said generating of said initialized view is configured to accomplish a load balancing of a view maintenance process.

Claims 12 – 33 (Cancelled):

Claim 34 (Currently Amended): A method for dynamically initializing a view for a streaming database system, comprising:

accessing at least one stream of events in real time while ~~the~~ said at least one stream of events is received as output from an external system;

materializing, as ~~the~~ said at least one stream of events is received from ~~the~~ said external system, a view from said stream, wherein said view is dynamically defined from said stream of events received from said external system;

producing a ~~plurality~~ sequence of view snapshots from said materialized view, wherein each view snapshot in said sequence corresponds to ~~corresponding to a complete representation of~~ an individual event within said ~~materialized view~~ stream; ~~and~~

storing said sequence of view snapshots; and

using said sequence of view snapshots to generate an initialized view that incorporates new events of said stream,

wherein said generating of said initialized view comprises calculating a view state of said initialized view by retrieving and replaying said sequence of view snapshots.

Claim 35 (Cancelled):